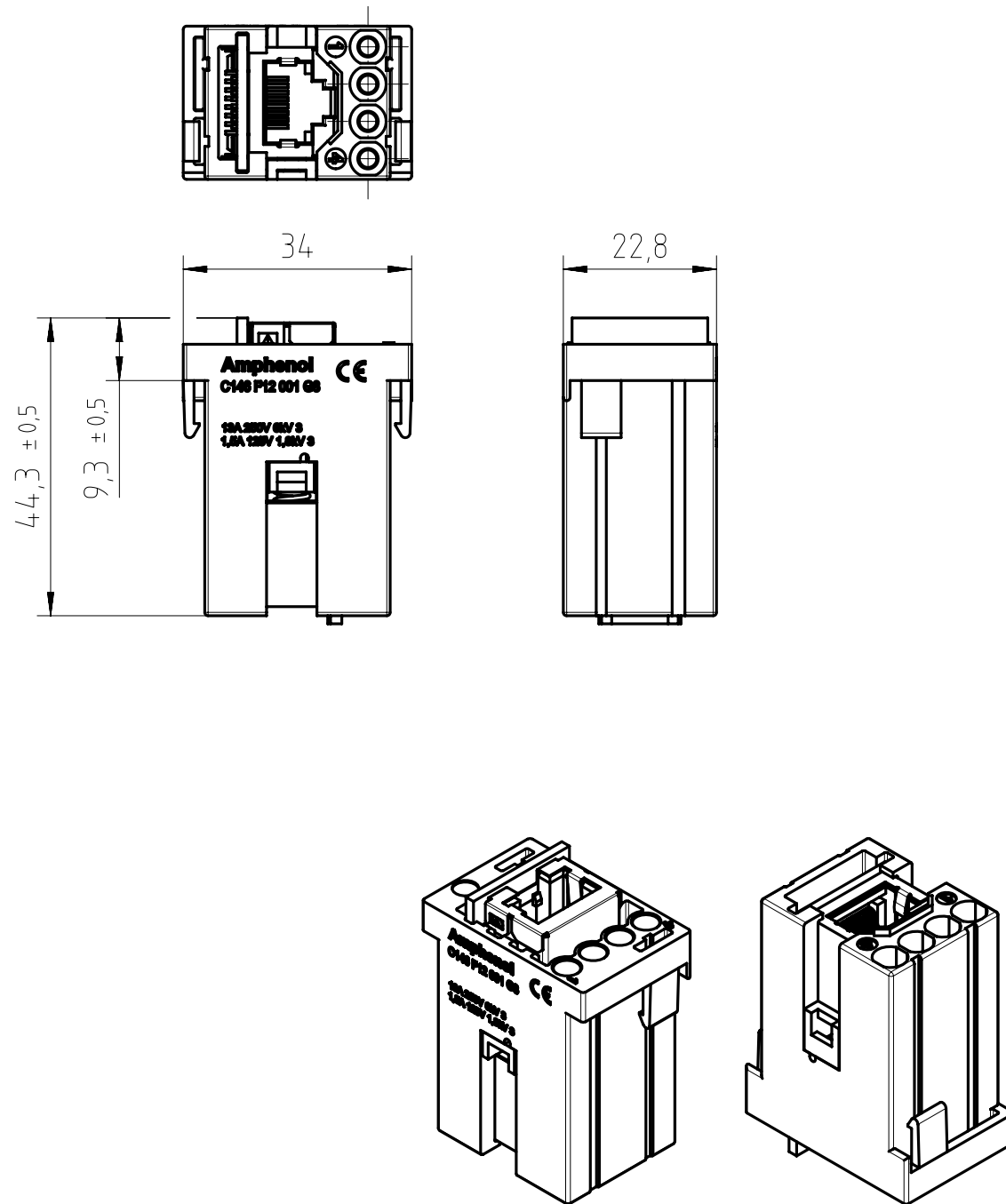


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Alle technischen Daten wurden unter Laborbedingungen ermittelt und können im Praxisbetrieb abweichen.
Es handelt sich bei den Angaben weder um Beschaffenheits- noch um Haltbarkeitsgarantien.
All technical data have been measured in a laboratory environment and can be different during practical usage of the product. Any product information is for descriptive usage only and not legally binding; particularly the information does not constitute or provide any legal guarantees ("Beschaffenheitsgarantie" or "Haltbarkeitsgarantie").

General Characteristics	Standard	Value	
number of contacts		4	RJ45
contacts termination technique		crimp	1xRJ45
contacts type		machined contacts	RJ45 connector
contacts wire gauge		0,14 mm ² - 2,5 mm ² AWG 26 - AWG 14	
contacts max. cable diameter		∅ 3,7 mm	
protection class	IEC 60529	IP20 (unmated)	
		IP20 (mated)	
Electrical Characteristics	Standard	Value	
rated voltage	IEC 60664-1	250 V	125 V
pollution degree	IEC 60664-1	3	
rated impulse withstand voltage	IEC 60664-1	6 kV	1,8 kV
rated current T _{amb} = 40 °C		13 A	1,5 A
current carrying capacity	IEC 60512-5-2	see derating curve	-
data rate Ethernet transmission	IEC 11801	-	Cat. 5e
contact resistance	IEC 60512-2-1	≤ 5 mΩ	
insulation resistance	IEC 60512-3-1	≥ 10 ¹⁰ Ω	
Climatical Characteristics	Standard	Value	
operating temperature	IEC 60068-1	-40 - +80°C	
Mechanical Characteristics	Standard	Value	
mechanical operation	IEC 60512-9-1	≥500 mating cycles	
Materials	Standard	Value	
module material		PA-GF	
module flammability	UL 94	V-0	
module color		black	
PCB material			FR4
RJ45 connector contact plating			Au (gold)

Gewicht (errechnet) / Calc WT: 26 g		Zul. Abw./Tolerances:		Maßstab / Scale: 1:1		A3			
Prüfmaß / Testdimension		ISO 2768-m		DIN / ISO 13715		CUSTOMER DRAWING			
Teileindex / Partindexnumber:									
Bagatelle change:						Buchsenmodul 4-Pol + RJ45 socket module 4 poles + RJ45			
		Gez. 09.10.2017		Drawn PWOELFFLE					
		Status Released		Gepr. 14.07.2021					
		Checked MBERTSCH							
				Amphenol Tuchel Industrial GmbH		M C146 F12 001 G8		Blatt / Sheet 1	
Index		Änderung / Description		Datum / Date		Name		Ers. f. / Replacement for: M-C146 F12 001 G8 Rev.01	
03	202100188	13.07.2021	MTOLK					1 Bl.	
02	201700401	11.10.2017	PWOLF						

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